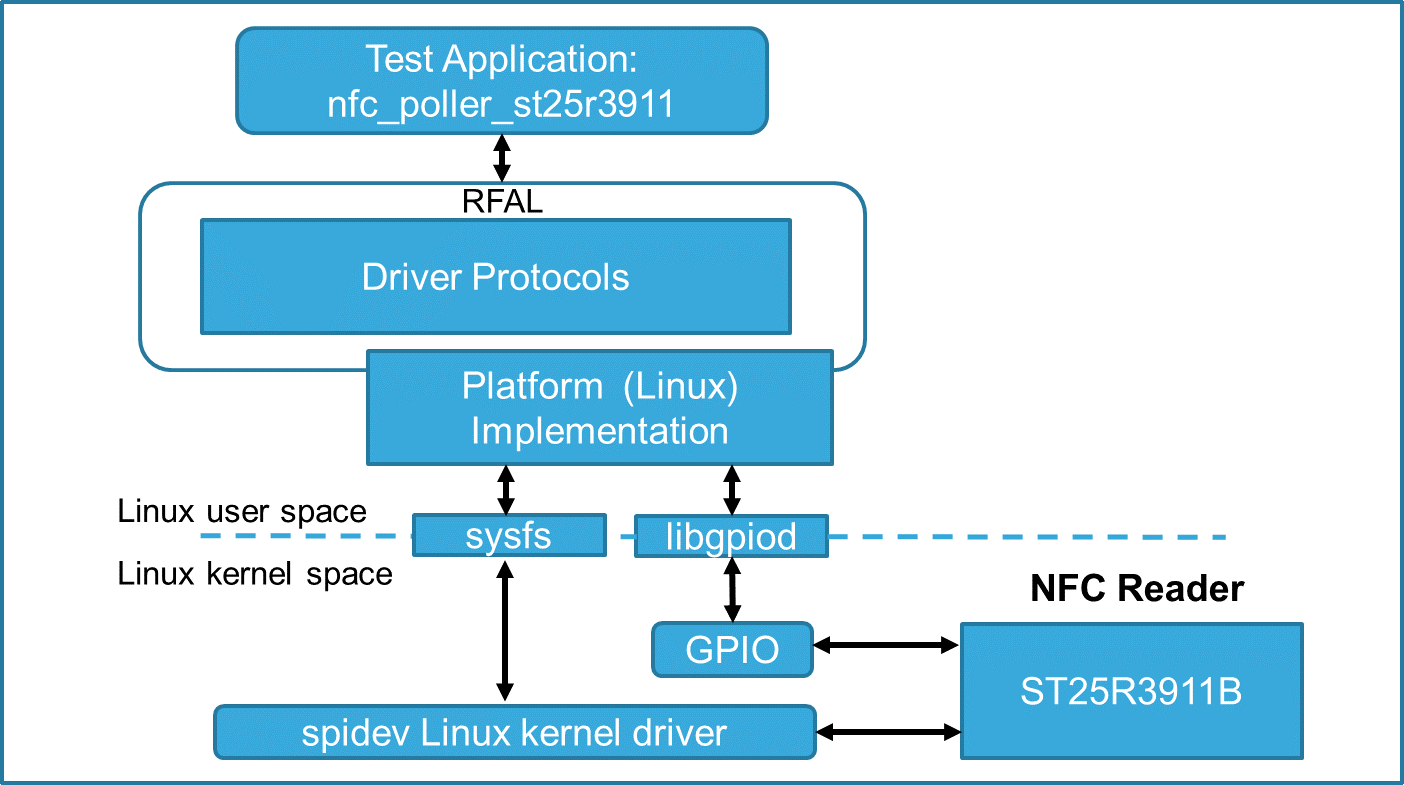
#### X-Linux-NFC5



Linux® driver for the ST25R3911B high performance NFC frontends

Data Brief



# Features

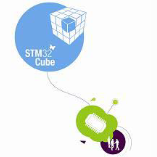
* Easy portability across different Linux based platforms with compatible hardware interface.
* UID and type of the NFC-Tag is displayed on screen till the tag is paced in vicinity of the NFC antenna of X-NUCLEO-NFC05A1
* Demo application detect NFC Tag types: NFC-A, NFC-B, NFC-V and other types supported by ST’s RFAL

# Description

The software package enables the STM32MP157C-DK2 to operate with the X-NUCLEO-NFC05A1.

This package ports the RF abstraction layer (RFAL) onto a STM32MP157C-DK2 based Linux platform to operate with X-NUCLEO-NFC05A1 which contains the ST25R3911B high-performance NFC frontend IC. The package contains a sample Linux application that detects different types of NFC tags.

The RFAL is the ST standard driver for ST25R NFC/RFID Reader ICs ST25R3911B, ST25R3912, ST25R3913, ST25R3914 and ST25R3915. This software package supports all the ST25R3911B lower-layer protocols and also some higher layer protocols to abstract RF communication.



**Revision History**

|  |  |  |
| --- | --- | --- |
| **Date** | **Version** | **Changes** |
| 01-June,2020 | V1.0.0 | Initial Release |

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